

FIG. 1 (PRIOR ART)

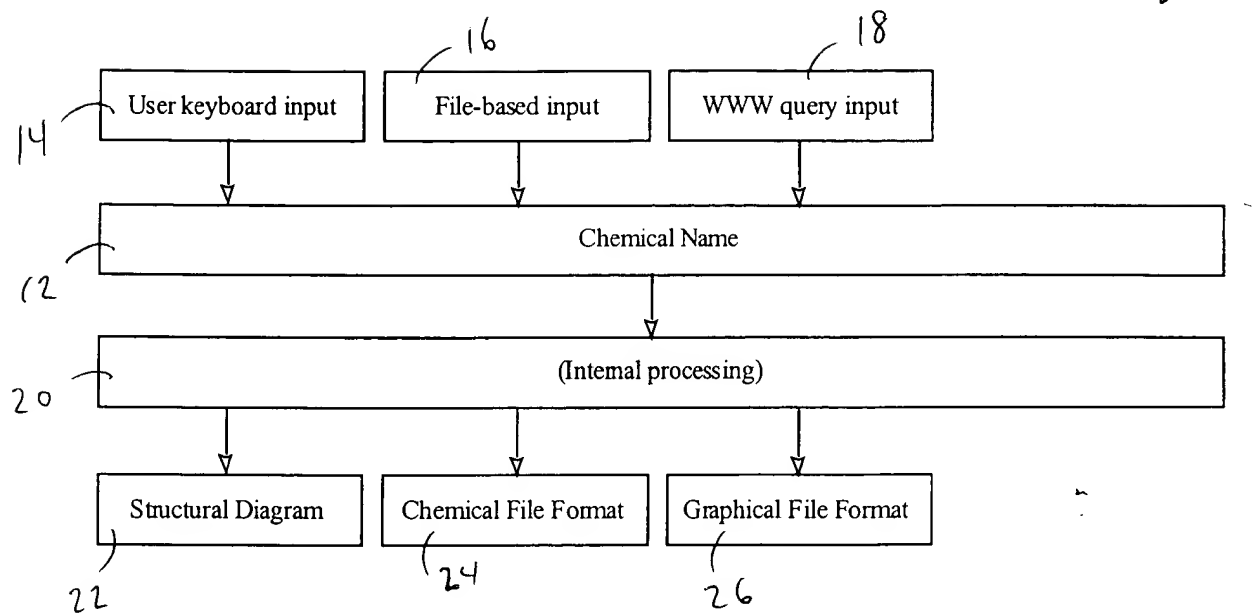


FIG. 2

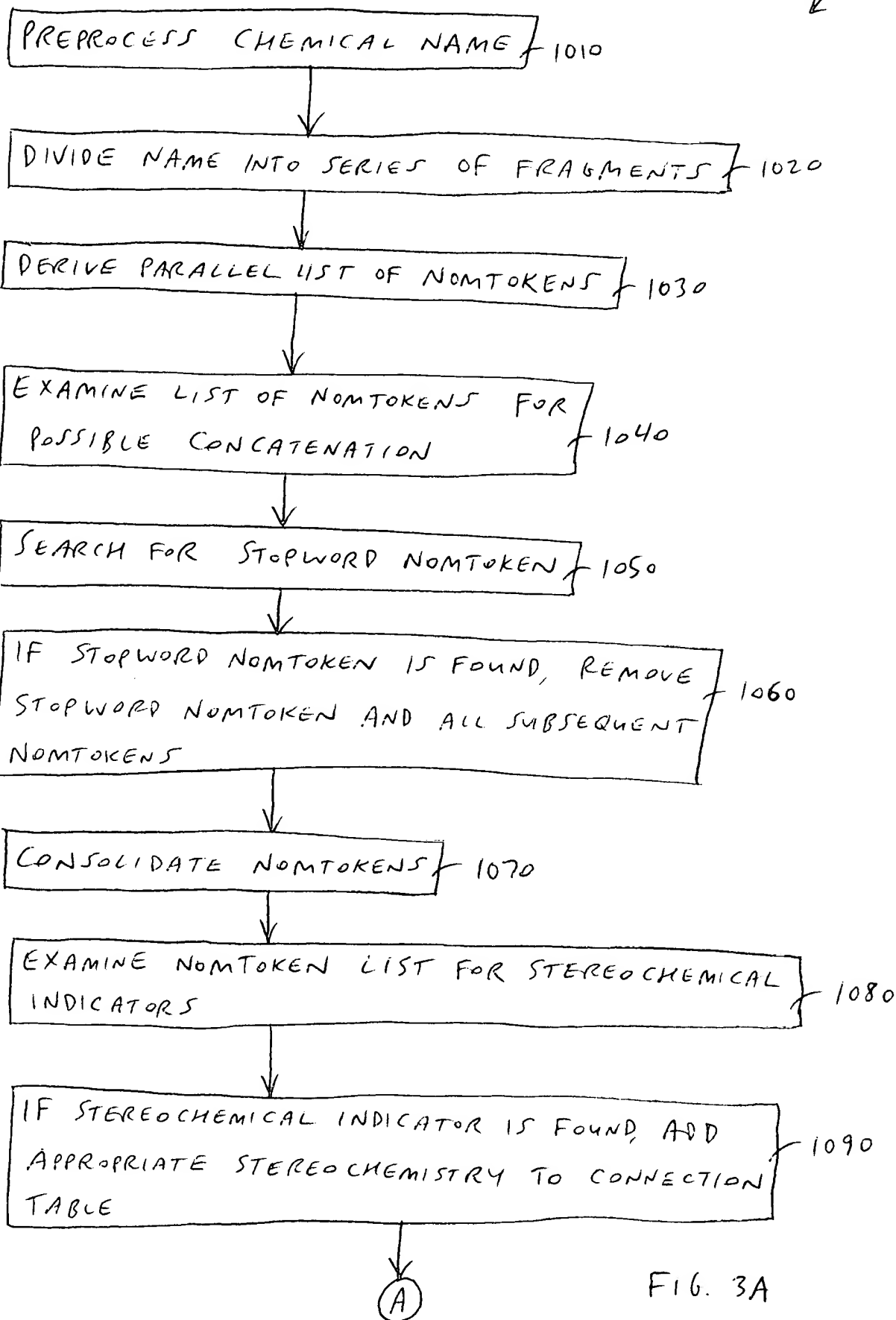


FIG. 3A

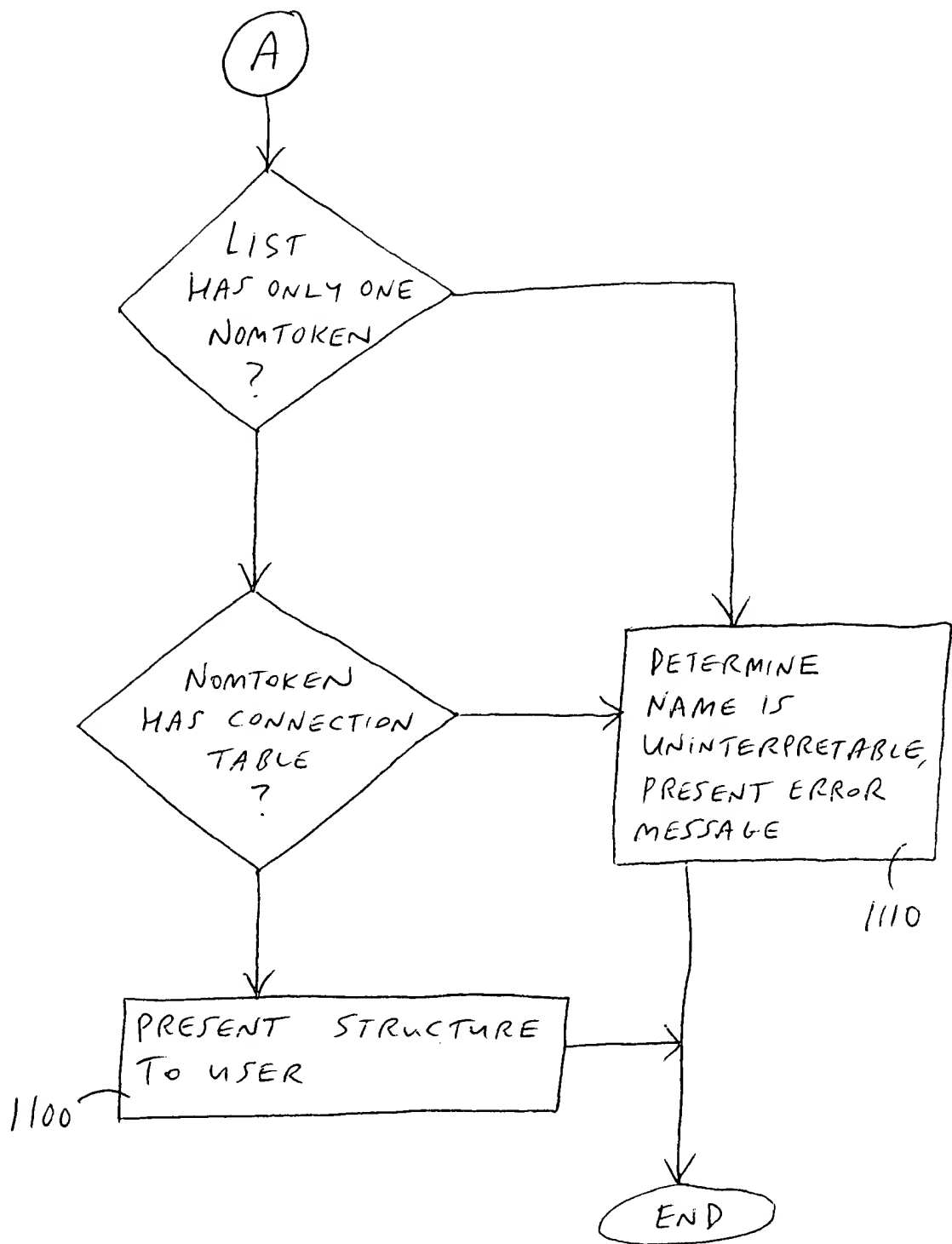


FIG. 3B

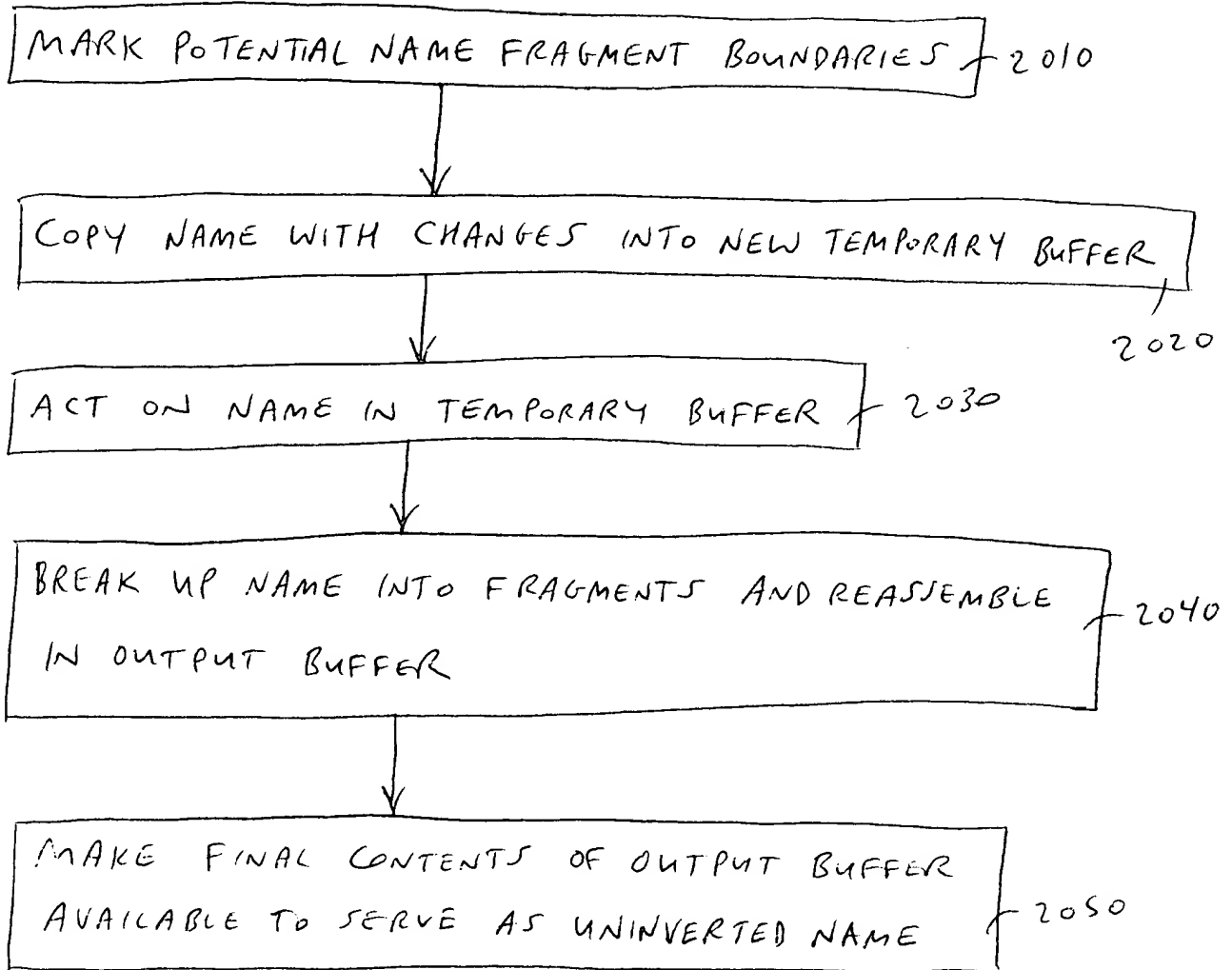


FIG. 4

Table 1: Strings that cannot terminate fragments to be prepended

"dry"
"ed"
"ide"
"ing"
"mm"
"one"
"rod"

FIG. 5A

Table 3: Strings that cannot appear anywhere in fragments to be prepended (note that some strings include one or more space characters)

" and "	"grade"	"radical"
" in "	"granul"	"random"
" ion"	"grease"	"reagent"
"&"	"grit"	"reduc"
"/"	"hbr"	"regular"
"7ci"	"hcl"	"remainder"
"8ci"	"heavy"	"ribbon"
"9ci"	"hydrin"	"rods"
"10ci"	"hydrous"	"salt"
"aas"	"ide "	"scale"
"absolute"	"imine"	"shot"
"acid"	"ing"	"slug"
"acs"	"inhibit"	"soluble"
"aerosol"	"isotop"	"solution"
"amidine"	"ite"	"sphere"
"analy"	"ize"	"spong"
"approx"	"lactam"	"stab"
"assay"	"lacton"	"stabil"
"ate"	"light"	"standard"
"balance"	"lump"	"stick"
"basic"	"mainly"	"sublim"
"basis"	"medium"	"sultam"
"bead"	"mesh"	"sulton"
"briquette"	"micron"	"synthetic"
"catal"	"ml"	"syrup"
"certif"	"mm "	"tablet"
"chip"	"moist"	"tech"
"chunk"	"morphous"	"tion"
"cm"	"mossy"	"titrant"
"coarse"	"natural"	"tone"
"contain"	"needle"	"typic"
"crucible"	"neutral"	"usp"
"cryst"	"nitrile"	"wire"
"deriv"	"pearl"	"with"
"dispers"	"pellet"	"xime"
"dry "	"piece"	"zone"
"dust"	"plate"	
"ed "	"poly"	
"electro"	"porous"	
"ester"	"powder"	
"ether"	"ppm"	
"fcc"	"pract"	
"fine"	"predomina"	
"flake"	"predominantly"	
"foil"	"protected"	
"for "	"puratronic"	
"from"	"pure"	
"glacial"	"purity"	
	"purum"	

Table 4.

ether
sulfide
disulfide
trisulfide
tetrasulfide
pentasulfide
hexasulfide
selenide
diselenide
triselenide
telluride
sulfone
disulfone
trisulfone
sulfoxide
disulfoxide
trisulfoxide
peroxide
ketone
diketone
triketone
tetraketone

FIG. 5D

nomToken data structure

Name

Type

Subtype

Repeat count

Mono flag

Type-specific integer

Connection Table

Locant map

Attach-in map

Attach-out map

Held stereo information

FIG. 6

[illegible]

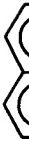
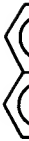
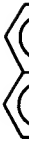

















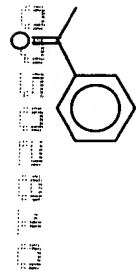
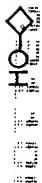
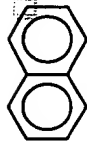
CONNECTION	NAME	TYPE	SUBTYPE	PREV CHAR
		naphth	unknown	'p'
		opfuser	unknown	'('
		unknown		
		oxy		
		infix		
		doublebondable		
		'a'		
		phenac		
		root		
		root		
		'a'		
		yl		
		enderaminoacid		
		yl		
		'a'		
		bromide		
		counterion		
		ionable		
		'i'		
		'i'		

FIG. 7A

CONNECTION TABLE

NAME TYPE	p unknown	naphth root	oxy infix	phenac root	yl suffix	bromide counterion
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SUBTYPE
PREV CHAR

unknown
'('

unknown
'a'

doublebondable
'a'

yl
'a'

ionable
' '

FIG. 7C

CONNECTION TABLE

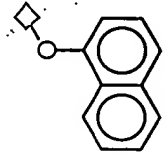
NAME	P	naphth	oxy	phenacyl	bromide
TYPE	unknown	root	infix	root	counterion
SUBTYPE	unknown	unknown	doublebondable	root	ionable
PREV CHAR	'('	'a'	'a'	'a'	','

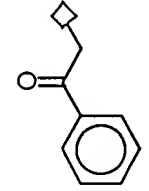
FIG. 7D

001120-01000000

CONNECTION
TABLE

NAME	P		
TYPE	unknown		
SUBTYPE	unknown		
PREV CHAR	'('		

	naphthoxy		
	root		
	infix		
	'a'		

	phenacyl		
	root		
	root		
	'a'		


	bromide		
	counterion		
	ionable		
	' '		

FIG. 7E

